

## SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: JOHN MAPLES Examiner #: 62294 Date: 2/19/02  
 Art Unit: 1745 Phone Number 30 8-1795 Serial Number: 09/768636  
 Mail Box and Bldg/Room Location: CPL42-3- Results Format Preferred (circle): PAPER DISK E-MAIL  
8-E12

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: STABILIZED ANODE

Inventors (please provide full names): SKOTHEIM ET AL

Earliest Priority Filing Date: 2/16/94

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

PLEASE DO A LITIGATION SEARCH  
 ON PATENT NO. 5,961,672 -  
 THANK YOU!

No Litigation Reported

## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Melleson</u>	NA Sequence (#)	STN
Searcher Phone #:	AA Sequence (#)	Dialog
Searcher Location:	Structure (#)	Questel/Orbit <u>27.80</u>
Date Searcher Picked Up: <u>2/20/02</u>	Bibliographic	Dr.Link
Date Completed: <u>2/20/02</u>	Litigation	Lexis/Nexis <u>40.00</u>
Searcher Prep & Review Time:	Fulltext	Sequence Systems
Clerical Prep Time:	Patent Family	WWW/Internet
Online Time: <u>K</u>	Other	Other (specify)

?US5961672/PN

\*\* SS 1: Results 1

Search statement 2

?PRT FULL NONSTOP LEGALALL

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image  
PN - US5961672 A 19991005 [US5961672]  
TI - (A) Stabilized anode for lithium-polymer batteries  
PA - (A) MOLTECH CORP (US)  
IN - (A) SKOTHEIM TERJE A (US); SOLOVEICHIK GRIGORII L (US); GAVRILOV ALEXEI B (US)  
AP - US88920297 19970707 [1997US-0889202]  
PR - US19714094 19940216 [1994US-0197140]  
- US61811196 19960319 [1996US-0618111]  
- US88920297 19970707 [1997US-0889202]  
IC - (A) H01M-010/40  
EC - H01M-002/16C3  
- H01M-004/02B  
- H01M-010/40B  
ICO - T01M-002/16E  
PCL - ORIGINAL (O) : 029623500; CROSS-REFERENCE (X) : 429306000 429324000  
DT - Corresponding document  
CT - US4002492; US4069375; US4695521; US5314765; US5354631; US5434021;  
US5487959; US5529860; US5601947; US5648187; US5690702; FR2328299;  
JP58-163188  
- Besenhard, "Cycling Behaviour and Corrosion of Li-Al Electrolytes in  
Organic Electrodes," J. Electroanal. Chem., 1978, vol. 94, pp. 77-81  
(no month).

Ozawa et al., "Cycle Performance of Lithium Ion Rechargeable Battery,"  
Proceedings of the 10th International Seminar on Primary and Secondary  
Technology and Application: A Special Anniversary 4-day Seminar and  
Workshop, Mar. 1-4, 1993, pp. 1-5 plus 28 pages of figures.

Rao et al., "Lithium-Aluminum Electrode," J. Electrochem. Soc.:  
Electrochemical Science and Technology, Oct. 1977, vol. 124, No. 10,  
pp. 1490-1492.

Yamamoto et al., "Electrochemical and Electric Properties of  
Vacuum-Deposited Poly(arylenes): Electrochemical Activity, Diode, and  
Electrochemiluminescence," J. Phys. Chem., Oct. 29, 1992, vol. 96, No.  
22, pp. 8677-8679.

STG - (A) United States patent  
AB - The invention relates to thin film solid state electrochemical cells  
consisting of a lithium metal anode, a polymer electrolyte and a  
cathode, where the lithium anode has been stabilized with a polymer  
film capable of transmitting lithium ions. Methods for making battery  
cells using the anode stabilizing films of the invention are disclosed.

1/1 LGST - (C) LEGSTAT  
PN - US 5961672 [US5961672]  
AP - US 889202/97 19970707 [1997US-0889202]  
DT - US-P

ACT - 19970707 US/AE-A  
APPLICATION DATA (PATENT)  
{US 889202/97 19970707 [1997US-0889202] }  
- 19971030 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
MOLTECH CORPORATION 9000 S. RITA ROAD, BUILDING 061 TUCSON, ARIZONA  
85747-910 \* SKOTHEIM, TERJE A. : 19971024; SOLOVEICHIK, GRIGORIL L. :  
19971024; GAVRILOV, ALEXEI B. : 19971024  
- 19991005 US/A  
PATENT  
- 20010403 US/RF  
REISSUE APPLICATION FILED  
20010124  
UP - 2001-16

1/1 CRXX - (C) CLAIMS/RRX  
PN - 5,961,672 A 19991005 [US5961672]  
PA - Moltech Corp  
ACT - 19991012 REASSIGNED  
PATENT RELEASE AGREEMENT

Assignor: MONSANTO COMPANY DATE SIGNED: 09/30/1999

Assignee: MOLTECH CORPORATION 2900 SOUTH RITA ROAD, BUILDING #61  
TUCSON, ARIZONA 85747

Reel 010263/Frame 0972

Contact: MORRISON & FOERSTER LLP MADELINE I. JOHNSTON 755 PAGE MILL  
ROAD PALO ALTO, CALIFORNIA 94304-1018

- 19991210 REASSIGNED  
PATENT COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT

Assignor: MOLTECH CORPORATION DATE SIGNED: 11/01/1999

Assignee: CONGRESS FINANCIAL CORPORATION (FLORIDA) 777 BRICKELL  
AVENUE MIAMI, FLORIDA 33131

Reel 010444/Frame 0763

Contact: MORRISON & FOERSTER THOMAS E. CIOTTA 755 PAGE MILL ROAD PALO  
ALTO, CA 94304-1018

- 19991220 REASSIGNED  
SECURITY AGREEMENT WITH ATTACHED INTERCREDITOR AGREEMENT.

Assignor: MOLTECH CORPORATION DATE SIGNED: 11/01/1999

Assignee: MELTZER, LIPPE, GOLDSTEIN, SCHLISSEL, P.C., AS TRUSTEE, FOR  
THE BENEFIT OF THE HOLDERS OF MOLTECH CORPORATION'S 7% SUBORDINATED  
CONVERTIBLE PROMISSORY NOTES DUE SEPTEMBER 30, 2004.190 WILLIS AVENUE  
MINEOLA, NEW YORK 11501

Reel 010470/Frame 0812

Contact: MELTZER, LIPPE, GOLDSTEIN ET AL. RAYMOND A. JOAO 190 WILLIS  
AVENUE MINEOLA, NY 11501

- 20010124 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20010403  
REISSUE REQUEST NUMBER: 09/768636  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1745

Reissue Patent Number:

- 20010803 REASSIGNED  
JUDGEMENT

Assignor: MOLTECH CORPORATION DATE SIGNED: 07/02/2001

Assignee: THE BANK OF NEW YORK ONE WALL STREET NEW YORK, NEW YORK  
10286  
THE BANK OF NEW YORK 101 BARCLAY STREET NEW YORK, NEW YORK 10286

Reel 012043/Frame 0051

Contact: BRYAN CAVE, LLP CHRISTINE CESARE 245 PARK AVENUE, FLOOR 27  
NEW YORK, NY 10167

1/1 PAST - (C) PAST  
AN - 200114-001933  
PN - 5961672 A [US5961672]  
OG - 2001-04-03  
ACT - REISSUE APPLICATION FILED

Search statement 2

?FILE INPADOC

PLUSPAT - Time in minutes : 1,25  
The cost estimation below is based on Questel's  
standard price list

Records displayed and billed	:	1	Estimated cost :	2.75 USD
Cost estimated for the last database search	:		Estimated cost :	1.10 USD
Estimated total session cost	:		Cost estimated for the last database search	3.85 USD
			Estimated total session cost	4.50 USD

LGST - Time in minutes : 0,07  
The cost estimation below is based on Questel's  
standard price list

Records displayed and billed	:	1	Estimated cost :	0.07 USD
Cost estimated for the last database search	:		Estimated cost :	0.57 USD
Estimated total session cost	:		Cost estimated for the last database search	0.64 USD
			Estimated total session cost	5.14 USD

CRXX - Time in minutes : 0,12  
The cost estimation below is based on Questel's

## standard price list

Records displayed and billed	:	1	Estimated cost :	0.18 USD
Cost estimated for the last database search	:		Estimated cost :	5.00 USD
Estimated total session cost	:		Cost estimated for the last database search :	5.18 USD
			Estimated total session cost	10.32 USD

PAST - Time in minutes : 0,10

The cost estimation below is based on Questel's  
standard price list

Records displayed and billed	:	1	Estimated cost :	0.19 USD
Cost estimated for the last database search	:		Estimated cost :	5.61 USD
Estimated total session cost	:		Cost estimated for the last database search :	5.80 USD
			Estimated total session cost	16.12 USD

LITA - Time in minutes : 0,02 *NO Litigation Found*The cost estimation below is based on Questel's  
standard price list

Cost estimated for the last database search	:	0.03 USD
Estimated total session cost	:	0.03 USD
Estimated total session cost	:	16.15 USD

Selected file: INPADOC

You are now connected to INPADOC

Covers 1968/1973 thru weekly updates (2002-07)

For information on content, ..INFO INPD.

Search statement 1

?FAM US5961672/PN

1 Patent Groups

\*\* SS 1: Results 3

Search statement 2

?FAMSTATE NONSTOP

1/3 INPADOC - (C) INPADOC

PN	-	US 5648187	A	19970715	[US5648187]
TI	-	STABILIZED ANODE FOR LITHIUM-POLYMER BATTERIES			
IN	-	SKOTHEIM TERJE ABSJORN [US]			
PA	-	MOLTECH CORP [US]			
AP	-	US 618111/96-A	19960319	[1996US-0618111]	
PR	-	US 618111/96-A	19960319	[1996US-0618111]	
	-	US 197140/94-B1	19940216	[1994US-0197140]	
IC	-	H01M-004/02			

1/1 LEGALI - (C) LEGSTAT

PN	-	US 5648187	[US5648187]	
AP	-	US 618111/96	19960319	[1996US-0618111]
DT	-	US-P		
ACTE-	19960319	US/AE-A		
		APPLICATION DATA (PATENT)		

{US 618111/96 19960319 [1996US-0618111]}  
- 19970311 US/AS99  
OTHER ASSIGNMENTS  
MONSANTO COMPANY 800 N. LINDBERGH BLVD. ST. LOUIS, MISSOURI 63167 \*  
MOLTECH CORPORATION : 19970124 OTHER CASES: NONE; PATENT SECURITY  
AGREEMENT  
- 19970715 US/A  
PATENT  
UP - 1999-41

2/3 INPADOC - (C) INPADOC  
PN - US 5961672 A 19991005 [US5961672]  
TI - STABILIZED ANODE FOR LITHIUM-POLYMER BATTERIES  
IN - SKOTHEIM TERJE A [US]; SOLOVEICHIK GRIGORII L [US]; GAVRILOV ALEXEI B  
[US]  
PA - MOLTECH CORP [US]  
AP - US 889202/97-A 19970707 [1997US-0889202]  
PR - US 889202/97-A 19970707 [1997US-0889202]  
- US 618111/96-A2 19960319 [1996US-0618111]  
- US 197140/94-B1 19940216 [1994US-0197140]  
IC - H01M-010/40

1/1 LEGALI - (C) LEGSTAT  
PN - US 5961672 [US5961672]  
AP - US 889202/97 19970707 [1997US-0889202]  
DT - US-P  
ACTE- 19970707 US/AE-A  
APPLICATION DATA (PATENT)  
{US 889202/97 19970707 [1997US-0889202]}  
- 19971030 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
MOLTECH CORPORATION 9000 S. RITA ROAD, BUILDING 061 TUCSON, ARIZONA  
85747-910 \* SKOTHEIM, TERJE A. : 19971024; SOLOVEICHIK, GRIGORIL L. :  
19971024; GAVRILOV, ALEXEI B. : 19971024  
- 19991005 US/A  
PATENT  
- 20010403 US/RF  
REISSUE APPLICATION FILED  
20010124  
UP - 2001-16

3/3 INPADOC - (C) INPADOC  
PN - WO 9903162 A1 19990121 [WO9903162]  
TI - STABILIZED ANODE FOR LITHIUM-POLYMER BATTERIES  
LA - ENG  
IN - SKOTHEIM TERJE A; SOLOVEICHIK GRIGORII L; GAVRILOV ALEXEI B  
PA - MOLTECH CORP [US]  
AP - WO 9813877/98(US)-A 19980702 [1998WO-US13877]  
PR - US 889202/97-A 19970707 [1997US-0889202]  
IC - H01M-004/02; H01M-010/40  
DS - CA\* JP\* KR\* AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

1/1 LEGALI - (C) LEGSTAT  
PN - WO 9903162 [WO9903162]  
AP - WO 9813877/98(US) 19980702 [1998WO-US13877]

DT - WO-P  
ACTE- 19980702 WO/AE-A  
APPLICATION DATA  
{WO 9813877/98(US) 19980702 [1998WO-US13877]}  
- 19990121 WO/AK-A1 [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT  
CA JP KR  
- 19990121 WO/AL-A1 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
- 19990121 WO/A1 [+]  
PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL  
SEARCH REPORT  
- 19990401 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE  
- 19990506 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS  
APPLICATION  
- 20000107 WO/NENP  
NON-ENTRY INTO THE NATIONAL PHASE IN:  
<KR>  
- 20001206 WO/122  
EP: PCT APP. NOT ENT. EUROP. PHASE  
- 20010107 WO/NENP  
NON-ENTRY INTO THE NATIONAL PHASE IN:  
CA  
<CA>  
UP - 2001-39

Search statement 2